



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Terence W. Barrett

Serial No. 10 765,990

Group Art Unit 2661

Filed: January 29, 2004

For: Method and System of Orthogonal Signal Spectrum Overlay (OSSO) for Communications

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of international application; or before mailing date of first Office action on the merits; whichever occurs last.)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Certification under 37 CFR 1.97(c), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first.)
- ☐ under 37 CFR 1.97(d) together with either a:  
☐ Certification under 37 CFR 1.97(e), and  
☐ a petition under 37 CFR 1.97(d)(2)(ii), and  
☐ a \$130.00 petition fee set forth in 37 CFR §117(i)(1).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee.)

Applicant(s) submits herewith Form PTO 1449-Information Disclosure Citation together with copies of patents, publications or other information of which applicant(s) is aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which applicant(s) is aware.

Applicant(s) submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

Respectfully submitted,

*Jim Zegeer*

Jim Zegeer, Reg. No. 18,957

Attorney for Applicant(s)

Attachments:

Form PTO-1449 and cited references

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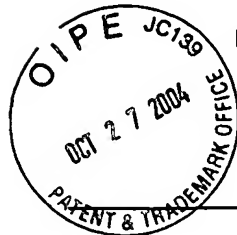
Date: October 27, 2004

In the event this paper is deemed not timely filed, the applicant hereby petitions for an appropriate extension of time. The fee for this extension may be charged to Deposit Account No. 26-0090 along with any other additional fees which may be required with respect to this paper.

FORM PTO-1449  
(MODIFIED)U.S. Department of Commerce  
Patent and Trademark OfficeATTY. DOCKET NO.  
3381-Z

SERIAL NO.

10/765,990

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Terence W. Barrett

FILING DATE

January 29, 2004

GROUP

2661

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1. Barrett, T.W., The information content of an electromagnetic field with relevance to sensory processing of information. *T.I.T. J. Life Sciences*, 1, 129-135, 1971.
2. Barrett, T.W., On vibrating strings and information theory. *J. Sound & Vibration*, 20, 407-412, 1972.
3. Barrett, T.W., Conservation of Information. *Acustica*, 27, 44-47, 1972.
4. Barrett, T.W., Definition precedence of signal parameters: sequential versus simultaneous information. *Acustica*, 27, 90-93, 1972.
5. Barrett, T.W., The conceptual basis for two information theories - a reply to some criticisms. *J. Sound & Vibration*, 25, 638-642, 1972.
6. Barrett, T.W., Analytical information theory. *Acustica*, 29, 65-67, 1973.
7. Barrett, T.W., Structural information theory. *J. Acoust. Soc. Am.*, 54, 1092-1098, 1973.
8. Barrett, T.W., Structural information theory based on electronic configurations. *T.I.T. J. Life Sciences*, 5, 29-42, 1975.
9. Barrett, T.W., Nonlinear analysis and structural information theory: a comparison of mathematical and physical derivations. *Acustica*, 33, 149-165, 1975.
10. Barrett, T.W., On linearizing nonlinear systems. *J. Sound & Vibration*, 39, 265-268, 1975.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (MODIFIED)	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. <b>3381-Z</b>	SERIAL NO. <b>10/765,990</b>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)		APPLICANT  <b>Terence W. Barrett</b>	
		FILING DATE <b>January 29, 2004</b>	GROUP <b>2661</b>

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	11. Barrett, T.W., Linearity in secular systems: four parameter superposition. <i>J. Sound &amp; Vibration</i> , 41, 259-261, 1975.
	12. Barrett, T.W., Information measurement I. On maximum entropy conditions applied to elementary signals. <i>Acustica</i> , 35, 80-85, 1976.
	13. Barrett, T.W., Information measurement II. On minimum conditions of energy order applied to elementary signals. <i>Acustica</i> , 36, 282-286, 1976.
	14. Barrett, T.W., Structural information theory of sound. <i>Acustica</i> , 36, 272-281, 1976.
	15. Barrett, T.W., Quantum statistical foundations for structural information theory and communication theory. pp. 391-409 in V. Lakshmikantham (ed) <i>Nonlinear Systems &amp; Applications: An International Conference</i> , Academic Press, New York (1977).
	16. Wu, J., <i>Wavelet packet division multiplexing</i> . A thesis submitted to the School of Graduate Studies in Partial Fulfillment of the Requirements of the Degree of Ph.D., Electrical & Computer Engineering, McMaster University, 1998.

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